

Implemenation of gainful music in surgery

Gepubliceerd: 18-11-2019 Laatste bijgewerkt: 18-08-2022

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Ethische beoordeling	Positief advies
Status	Werving nog niet gestart
Type aandoening	-
Onderzoekstype	Interventie onderzoek

Samenvatting

ID

NL-OMON22524

Bron

NTR

Verkorte titel

IMAGINE

Aandoening

Surgery, music, perioperative care

Ondersteuning

Primaire sponsor: Máxima Medical Center

Overige ondersteuning: N/A

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

The primary study outcome will be the adherence to protocol of perioperative music as part of standard surgical care. Adherence to the intervention will be calculated as the percentage

of performed music interventions relative to the number of total possible interventions.

Toelichting onderzoek

Achtergrond van het onderzoek

Perioperative music can have a significant beneficial effect on postoperative pain and anxiety, reduce intraoperative sedative and postoperative opioid medication requirement, and attenuate the physiological stress response to surgery in patients undergoing surgery. Implementation research can assess contextual factors and barriers which can ultimately influence the outcome of an intervention in daily patient care. The aim of this study is to assess the feasibility and effect of implementing music as part of stand perioperative care.

This pilot study will be a single-center explorative, prospective, quasi-experimental pre-test / post-test implementation study performed at the operating department. This study will run from January 2020 till June 2020 and will take place at the Máxima Medical Center (MMC).

The study will consist of 4 different phases:

1. Assessment of current practice, identification of barriers and facilitators for implementation of perioperative music as part of standard surgical care;
2. Development of an effective implementation strategy and protocol;
3. Implementation of protocol and measurement of effect through a prospective, quasi-experimental pre-test / post-test study;
4. Process evaluation through qualitative (effect outcomes) and quantitative (survey, interviews) data

Doel van het onderzoek

We hypothesize that the implementation of music in perioperative care is feasible and will improve patient outcomes (reduce postoperative pain, reduce opioid analgesic medication requirement, reduce postoperative complications and length of hospital stay and increase satisfaction).

Onderzoeksopzet

Time during hospital admission

Onderzoeksproduct en/of interventie

Participating patients will receive music before, during and after surgery, following a predefined implementation protocol by the implementation team. The music intervention starts when the patient has checked in the surgery ward, using a music player and headphone. Patients will receive music during surgery, independent of the type of anesthesia used. The music intervention will be continued during the surgical route to the recovery room

and will be discontinued after discharge to the surgical ward or whenever the participant chooses to stop the music intervention. The music intervention will be a preselected list of playlists and patients will be able to choose from this list.

Contactpersonen

Publiek

Máxima Medisch Centrum
Muriël Reudink

N/A

Wetenschappelijk

Máxima Medisch Centrum
Muriël Reudink

N/A

Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

For the patients to be eligible to participate in this study, a subject must meet all the following criteria:

- Aged ≥ 18 years
- Scheduled for elective surgery
- Signed informed consent form
- Will be operated in MMC location Veldhoven or Eindhoven

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

Patients will be excluded during the study if he/she:

- Has severe hearing impairment, defined as no verbal communication possible

- Has insufficient knowledge of the Dutch or English language to understand the study documents in the judgement of the attending physician or researcher
- Is unwilling or unable to comply with the intervention

Onderzoeksopzet

Opzet

Type:	Interventie onderzoek
Onderzoeksmodel:	Anders
Toewijzing:	N.v.t. / één studie arm
Blinding:	Open / niet geblindeerd
Controle:	N.v.t. / onbekend

Deelname

Nederland	
Status:	Werving nog niet gestart
(Verwachte) startdatum:	01-01-2020
Aantal proefpersonen:	270
Type:	Verwachte startdatum

Voornemen beschikbaar stellen Individuele Patiënten Data (IPD)

Wordt de data na het onderzoek gedeeld: Nog niet bepaald

Ethische beoordeling

Positief advies	
Datum:	18-11-2019
Soort:	Eerste indiening

Registraties

Opgevolgd door onderstaande (mogelijk meer actuele) registratie

Geen registraties gevonden.

Andere (mogelijk minder actuele) registraties in dit register

Geen registraties gevonden.

In overige registers

Register	ID
NTR-new	NL8213
Ander register	Máxima Medical Center : METC N19.102

Resultaten